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Refinement, Maintenance, and Continued Development of Databases for Defense Manpower Data Center Files: Report Summarizing Development of Database Activities

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13. ABSTRACT *(Maximum 200 words)*
BDM provided database enhancements for the DMDC MGIB files, Operation Transition files, and the DMDC SITES files. This support included improved collection of data from the Services, analysis for quality assurance purposes, and modification of the data to meet database requirements. Test data were collected for improved versions of DORS and SITES. Support was provided to improve specific data collection methods. Enhancements were enabled for SITES, TBB, and E2R2 databases.

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REPORT SUMMARIZING DEVELOPMENT OF DATABASE ACTIVITIES

Subtask 1: Task Execution Planning

Objective.

The objective of task one was to create a plan of work for the successful execution of the remaining tasks. Each subtask has specific objectives and identification of the data needed to execute these tasks is the key to planning.

Accomplishments.

Each subtask leader identified the critical data elements, data collection methods, data maintenance methods and data retrieval and reporting requirements in order to successfully accomplish planning for task execution. Plans are discussed as needed with the appropriate DMDC division chief as a part of normal on-going staff meetings and guidance was provided as needed.

Subtask 2: Collect the Data

Objective.

BDM is providing data collection and maintenance support of the DMDC MGIB files, Operation Transition Files, and the DMDC SITES files. This support includes collection of data from the Services, modification of data as needed to meet database requirements, and the redistribution of data in new formats as required.

Accomplishments.

1)   BDM is providing database enhancement for the DMDC MGIB files, Operation Transition Files, and the DMDC SITES files. This support includes improved collection of data from the Services, analysis for quality assurance purposes, and modification of data as needed to meet database requirements.

2)   Test data was collected for improved versions of DORS and SITES.

3)   Work on the Southcom relocation database was completed; and, data collection continued.

Subtask 3: Maintain the Data

Objective.

BDM receives data from a variety of sources for DMDC. The data must be analyzed for quality assurance purposes and input into the appropriate databases.

Accomplishments.

1) Data Delivery Mechanism Development and Enhancement. BDM assisted DMDC in developing improved data distribution mechanisms. Such improvements include file transfers, bulletin board operations, web and data servers, and LAN/WAN design and development.

2) Specifically, BDM assisted in the refinement of the SITES Web Service and in product improvements to the Transition BBS software to aid data transfer and reliability.

Subtask 4: Report the Data

Objective.

Specific data collection enhancements and improvements need to be justified and implemented. The objective of this task is to design changes to data collection means, implement prototype improvements that result in the generation of reports demonstrating the potential of the enhancements, and the finalizing of the software modifications needed to implement the selected approaches.

Accomplishments.

1) Support was provided to improve specific data collection methods. Enhancements were enabled for SITES, TBB, and E2R2 databases.

2) Testing was completed for the modifications and the resultant deliverable products were distributed to the user communities to include software patches and improved CD's.

Subtask 5: Data Flow Maintenance

Objective.

Support will be provided for the continued operation of the Transition Bulletin Board, the personnel security files, the DMDC LAN, and the SITES technical interchange.

Accomplishments.

1) Support was provided for the continued operation of the Transition Bulletin Board and DORS. Technical support was provided to the DMDC LAN to include installation of new systems, modification of existing system software and replacement of defective components.

2) Database maintenance activities included modifications to existing and developmental databases, development of test data to exercise and debug improvements, and design of specific enhancements to be presented to the DMDC management for consideration.

3) SITES help desk support was shifted to the TBB/DORS help desk area and training of the help desk staff was conducted.